

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

Attorney Docket No.
041094-5017

Application No.
Unassigned

Applicants: Nobuo IWASAKI et al.

Part of ~~IDS~~ ^{IDS}
PAGE 1 of 1

Filing Date: December 18, 2002

Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
TJT	5,170,721	Dec. 15, 1992	Troth et al.			
TJT	4,732,528	Mar. 22, 1998	Good			
TJT	3,807,035	Apr. 30, 1974	Moorman et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation YES NO
TJT	7-165337	Jun. 27, 1995	Japan			abstract
	56-23126	Mar. 4, 1981	Japan			abstract
	62-88630	Apr. 23, 1987	Japan			abstract
	62-88631	Apr. 23, 1997	Japan			abstract
	6-64717	Mar. 8, 1994	Japan			abstract
	6-9009	Jan. 18, 1994	Japan			abstract
TJT	52-68581	Jun. 7, 1977	Japan			abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner

[Signature]

Date Considered

1/22/04

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INFORMATION DISCLOSURE CITATION

Attorney Docket No.
041094-5017

Application No.: 10/017,505



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PTO Form 1449

Applicant: Nobuo IWASAKI et al.

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Filing Date: December 18, 2001

Group Art Unit: 3652

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
TJT	3,958,701	May 25, 1976	Yatagai et al.	214	38C	Feb. 13, 1974
	4,231,695	Nov. 4, 1980	Weston, Sr.	410	69	July 10, 1978
	4,909,378	Mar. 20, 1990	Webb	198	721	Jul. 20, 1988
TJT	5,082,415	Jan. 21, 1992	Hayashi	414	343	Aug. 4, 1989

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GROUP 3600

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	<u>Translation</u> YES NO
TJT	WO 88/02732	04/21/88	PCT			X
TJT	0 304 527 A1	03/01/89	Europe			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner

Thuy Tran

Date Considered

1/22/04

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